



Reference number: 78/2023

## **Research assistant (m/f/d)**

Founded in 1409, Leipzig University is one of Germany's largest universities and a leader in research and medical training. With around 30,000 students and more than 5000 members of staff across 14 faculties, it is at the heart of the vibrant and outward-looking city of Leipzig. Leipzig University offers an innovative and international working environment as well as an exciting range of career opportunities in research, teaching, knowledge and technology transfer, infrastructure and administration.

The Institute for Geography at the Faculty of Physics and Earth Sciences seeks to fill the above position at the earliest opportunity.

A PhD position is embedded in the research project "The Lower Havel River and Greater Donaumoos Regions: 'Failed' or 'successful' reclamation of floodplains and peatlands? – A comparative analysis" in the context of the newly established **Priority Programme 2361 "On the Way to the Fluvial Anthroposphere", funded by the German Research Foundation (DFG)**. Floodplains and wetlands in Central Europe are subject to massive human influences, which had already led to significant ecological changes in the pre-industrial era. The main goal of the doctoral project is a comparative reconstruction of regional environmental changes and the exploration of socio-ecological "Great Transitions". For this purpose, ecological and geochemical parameters from limnological and fluvial sediment archives are to be analysed, evaluated and published within an interdisciplinary and international team.

### **About the position**

- Fixed term of 3 years
- 65 % of a full-time position
- Planned remuneration: salary group 13 TV-L.

### **Duties**

- Participation in biogeomorphological field work and in the palaeofluvial and palaeolimnological drilling programmes within the Donaumoos and Lower Havel River regions
- Sediment sampling and physicochemical, isotopic, fire-ecological and palynological analyses in cooperation with an interdisciplinary research team
- Conducting multi-proxy analyses
- Uni-, bi- and multivariate statistical analyses
- Data management, data storage and data processing in cooperation with an interdisciplinary research team
- Publication and presentation of data
- Working within an international research team
- Project management and organisation.

### **Requirements**

- Scientific higher education (e.g. master's degree) in one of the following disciplines: physical geography, geosciences, soil science, geoarchaeology, palaeogeography, ecology or a related discipline
- Knowledge of soil/sediment analysis (field and laboratory)
- Knowledge of palaeogeographical multi-proxy approaches
- Knowledge of GIS applications
- Previous experience of palynological (pollen) analysis would be an advantage
- Willingness to work in an interdisciplinary research team
- Very good English skills; German skills would be an advantage
- Driving licence.

### **What we offer**

- A modern workplace and attractive working conditions
- Flexible working hours and work-life balance

- Goal-oriented staff development throughout your working life, with opportunities for continuing professional development
- Pension plan
- Commuter pass for the MDV network.

Please send your application with the usual documents (CV with certificates and description of your qualifications), quoting **reference number 78/2023**, to: **Leipzig University, Dean of the Faculty of Physics and Earth Sciences, Professor Marius Grundmann, Linnéstraße 5, 04103 Leipzig, Germany** by 2 April 2023. You are also welcome to email your application as a single PDF file to **dekan@physik.uni-leipzig.de**. Please note that it is not possible to guarantee confidentiality and rule out unauthorised access by third parties when communicating by unencrypted email.

We kindly request that you submit copies only, as we are unable to return application documents. Interview expenses will not be reimbursed.

Leipzig University aims to increase the proportion of women in positions of responsibility and therefore expressly invites qualified women to apply. Severely disabled persons – or persons deemed legally equal to them under Book IX of the German Social Code – are encouraged to apply and will be given preference in the case of equal suitability.

Please contact the project leader Professor Christoph Zielhofer (zielhofer@uni-leipzig.de) with any questions regarding the position.

### ***Privacy information***

*If you choose to apply and send us your documents, you do so voluntarily. Any personal data contained within your application documents, or obtained during an interview, will be processed by Leipzig University – as the advertiser of the position – exclusively for the purposes of the selection process for the position advertised. It will not be passed on to third parties without your consent in the individual case. The legal basis for such data processing is Sect. 11(1) of the Saxon Data Protection Implementation Act (SächsDSGD) in conjunction with the EU General Data Protection Regulation (GDPR). The controller for the application process within the meaning of the GDPR is the addressee of the application, specified in the advertisement. Your personal data will be stored for six months after the end of the recruitment process and then erased or destroyed in accordance with data protection regulations. You may refuse or withdraw your consent with effect for the future without giving reasons. In these cases, Leipzig University will not or no longer be able to process and consider your application. Under the GDPR, subject to the relevant statutory requirements you have the following rights vis-à-vis the addressee of the application with regard to your personal data: right of access (Art. 15 GDPR); right to rectification of inaccurate personal data (Art. 16 GDPR); right to erasure (Art. 17 GDPR); right to restriction of processing (Art. 18 GDPR); and right to object to processing (Art. 21 GDPR). If you have any questions, please contact the Data Protection Officer at Leipzig University (office: Augustusplatz 10, 04109 Leipzig). You also have the right to lodge a complaint with the Saxon Commissioner for Data Protection.*